

WHAT IS CLAIMED IS:

1. A bearing arrangement for plastic coolant pump housings with an axial bearing support, comprising:

a radial housing groove provided with an inlet bore, said groove being disposed in the coolant pump housing; and

a bearing ring arranged in a bearing seat and having a bearing groove opposing the housing groove in a final mounted condition.

2. The bearing arrangement according to claim 1, further comprising a pump bearing and a shaft sealing gasket jointly arranged in the bearing ring.

3. The bearing arrangement according to claim 1, further comprising a sliding bearing or a roller bearing arranged in or on the bearing ring.

4. The bearing arrangement according to claim 1, further comprising a belt pulley connected with a plastic shaft and being connected with torsional strength to an outer ring of a pump bearing arranged on the bearing ring, said

pump bearing being arranged on the bearing seat, and being provided with an inlet bore and a radial housing groove with an axial bearing support, such that in a final mounted condition, the bearing groove is located opposite the housing groove and a shaft sealing gasket is directly arranged below the pump bearing, wherein a sleeve integrated on an impeller wheel is arranged on a free end of the plastic shaft, said sleeve running in a sliding bearing made of plastic and arranged in the coolant pump housing.

5. The bearing arrangement according to claim 1, further comprising bridges with grooves arranged therebetween, said bridges being arranged in the coolant pump housing on a periphery of the bearing seat, wherein the grooves are connected among one another by the housing groove.

6. The bearing arrangement according to claim 5, wherein the bridges are arranged in a straight line in an axial direction or slanted in relation to the axial direction, or curved relative to the axial direction.